

ENGINEERING TRACK SHEET 2022 - 24

MATHEMATICS				PHYSICS				CHEMISTRY			
TOPIC (Track - 1)	TOPIC (Track - 2)	CODE	NO. OF HOURS	TOPIC (Track - 1)	TOPIC (Track - 2)	CODE	NO. OF HOURS	TOPIC (Track - 1)	TOPIC (Track - 2)	CODE	NO. OF HOURS
BASIC MATHEMATICS	B & M	9	9	VECTORS	VE	14	14	MOLE CONCEPT	MC	18	18
QUADRATIC EQUATION	QE	21	21	CALCULUS FOR PHYSICS	CP	14	14	ATOMIC STRUCTURE	AS	24	24
TRIGONOMETRIC RATIO & IDENTITIES	TR	21	21	KINEMATICS - I	KM1	14	14	PERIODIC TABLE	PT	12	12
TRIGONOMETRIC EQUATION	TE	10	10	KINEMATICS - II	KM2	14	14	GASEOUS STATE	GS	24	24
INEQUATIONS AND LOGARITHMS	IN	14	14	UNIT & DIMENSION, ERRORS & MEASUREMENTS	U & D	9	9				
SEQUENCE & SERIES	SS	18	18	LAWS OF MOTION & FRICTION	LOM	24	24				
MAJOR TEST - 1 (MAIN & ADV) OFFLINE											
MAIN : SATURDAY, 8th OCTOBER, 2022 Time : 03:00 to 06:00 PM						ADVANCED : SUNDAY, 9th OCTOBER, 2022 Time : Paper - I : 09:00 to 12:00 PM & Paper - II : 01:00 to 04:00 PM					
BINOMIAL THEOREM	BT	14	14	CIRCULAR MOTION	CM	12	12	CHEMICAL BONDING	CB	22	22
STRAIGHT LINE & POSL	SL	21	21	WORK POWER ENERGY	WPE	12	12	IUPAC NAMING	NM	8	8
PERMUTATION & COMBINATION	PC	18	18	CENTRE OF MASS & COLLISIONS	COM	21	21	GOC	GOC	26	26
PROBABILITY	PB	12	12	RAY OPTICS	RO	18	18	ENERGETICS (FULL THERMO)	TH	24	24
DIWALI VACATIONS (22nd - 27th OCT, 2022)											
MAJOR TEST - 2 (MAIN & ADV) OFFLINE											
MAIN : SATURDAY, 7th JANUARY, 2023 Time : 03:00 to 06:00 PM						ADVANCED : SUNDAY, 8th JANUARY, 2023 Time : Paper - I : 09:00 to 12:00 PM & Paper - II : 01:00 to 04:00 PM					
CIRCLE	CR	16	16	ROTATIONAL DYNAMICS	RT	21	21	CHEMICAL EQUILIBRIUM	CE	12	12
PARABOLA	PB	16	16	SIMPLE HARMONIC MOTION	SHM	16	16	IONIC EQUILIBRIUM	IE	21	21
	FN	21	21		GR	12	12	ISOMERISM	IM	22	22
	LIMIT, CONTINUITY & DIFFERENTIABILITY	LCD	16		FL	12	12	VOLUMETRIC	VA	14	14
MAJOR TEST - 3 (MAIN & ADV) OFFLINE											
MAIN : SATURDAY, 18th MARCH, 2023 Time : 03:00 to 06:00 PM						ADVANCED : SUNDAY, 19th MARCH, 2023 Time : Paper - I : 09:00 to 12:00 PM & Paper - II : 01:00 to 04:00 PM					
ELLIPSE	EL	16	16	ELECTROSTATISTICS & CAPACITOR	ES	21	21	CHEMICAL KINETICS	CK	12	12
HYPERBOLA	HB	9	9	CURRENT ELECTRICITY	CE	12	12	ELECTROCHEMISTRY	EC	18	18
	METHOD OF DIFFERENTIATION	MOD	10		POM	10	10	REACTION MECHANISM	RM	18	18
	ITF & APPLICATION OF DERIVATIVES	IC	20		HT	20	20	HYDROCARBONS	HC	20	20
COLLEGE EXAMS											
MAJOR TEST - 4 (MAIN & ADV) OFFLINE											
MAIN : SATURDAY, 24th JUNE, 2023 Time : 03:00 to 06:00 PM						ADVANCED : SUNDAY, 25th JUNE, 2023 Time : Paper - I : 09:00 to 12:00 PM & Paper - II : 01:00 to 04:00 PM					
VECTORS & 3 D	VT & 3D	18	18	MAGNETISM	MG	18	18	AROMATIC HC	AHC	12	12
COMPLEX NUMBERS	CN	21	21	ELECTRO MAGNETIC INDUCTION	EMI	16	16	ARYL, ALKYL & HALIDES	AAH	12	12
	INTEGRAL CALCULUS (INDEFINITE)	DI	12		TW	12	12	SOLID STATE	SS	8	8
	DEFINITE INTEGRAL	DI	12	TRANSVERSE WAVES	SW	10	10	SOLUTIONS	LS	8	8
	AUC & DIFFERENTIAL EQUATION	ADE	12	SOUND WAVES	WD	12	12	SURFACE & NUCLEAR CHEMISTRY	SC	6	6
				WAVE OPTICS				CO-ORDINATION COMPOUNDS	CC	12	12
								S-BLOCK ELEMENTS	SB	6	6
								ALCOHOL, ETHER & PHENOL	AEP	12	12
MAJOR TEST - 5 (MAIN & ADV) OFFLINE											
MAIN : SATURDAY, 3rd AUGUST, 2023 Time : 03:00 to 06:00 PM						ADVANCED : SUNDAY, 4th AUGUST, 2023 Time : Paper - I : 09:00 to 12:00 PM & Paper - II : 01:00 to 04:00 PM					
DETERMINANTS	DT	8	8	MODERN PHYSICS	MP	12	12	P-BLOCK ELEMENTS	PB	16	16
MATRICES	MT	10	10	ALTERNATIVE CURRENTS	AC	6	6	SALT ANALYSIS	SA	16	16
SOLUTION OF TRIANGLE	SOT	6	6			16	16	METALLURGY	MT	6	6
	JEE-MAIN TOPICS		14		JEE-MAIN TOPICS			D & F BLOCK ELEMENTS	DFB	3	3
								ALDEHYDE & KETONES	AK	20	20
								CARBOXYLIC ACID & AMINES	CA	12	12
								BIOMOLECULES, POLYMERS & POC	BM	10	10
MAJOR TEST - 6 (MAIN & ADV) OFFLINE											
MAIN : SATURDAY, 11th NOVEMBER, 2023 Time : 03:00 to 06:00 PM						ADVANCED : SUNDAY, 12th NOVEMBER, 2023 Time : Paper - I : 09:00 to 12:00 PM & Paper - II : 01:00 to 04:00 PM					
PRELIMS											
CRASH COURSE											